



# PERFECT **Groom**™ 25L



WARNING: To reduce the risk of injury, the user must read and understand the owner's manual before using this product.



**EN** Instruction manual



SAA220197

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**1. INTRODUCTION**

Thank you for choosing a Garland machine. We are sure that you will appreciate the quality and functions of this machine that will facilitate your daily work for a long time. Remember that this machine has a wide of network of after sales services to which you can take your machine for any maintenance necessary on your machine, in case of any troubleshooting and for purchasing spare parts and accessories.



**Attention!** Read all the warning signs and all the instructions. The non observance of the warning and instructions detailed from here on can result in a fire being caused and/or a serious injury. Before using the machine, read carefully the information in this manual on a secure and correct start up.

**⚠** Use this machine only to rake artificial grass. Do not use this machine for other uses not contemplated. The use of this machine for other non contemplated uses could result in dangerous working incidences.

**⚠** Keep all the warning signs and the manual in a safe place for future reference. If you sell or otherwise dispose of the machine, please pass on the instruction manual as it forms part of the machine.

The expression "machine" on the warning

signs makes reference to this electric machine connected. The expression "switch in the open position" means that the switch is disconnected and "switch in the closed position" means that the switch is connected.

Remember that the end user is responsible for accidents and damages caused to himself, to third parties and to things.

The manufacturer will not be in any case held responsible for damages caused through an inadequate or incorrect usage of this machine.

**2. NORMATIVE AND SECURITY MEASURES**

**⚠** To avoid an incorrect manipulation of the machine, read all the instructions included in this manual before using it for the first time. All information included in this manual is relevant for your personal security as well as for other people, animals and things found in your surroundings. If you have any doubts about the information included in this manual, please ask a professional or go back to where you bought the machine to solve your doubts.

The following list of dangers and precautions include the most probable causes whilst using the machine. If you find yourself in a situation not explained in this manual, use your common sense and use the machine in the most secure way and if you see any danger, do not use the machine.

**2.1. USERS**


This machine has been designed to be operated by people over 18 and whom have read and understood the instruction manual.

This appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

**⚠** Attention! Do not allow underage people to use the machine.

Attention! Do not allow people who do not understand the instruction manual to use the machine.

Before using the machine familiarize yourself with the machine making sure you know perfectly well where all the controls can be found as well as all security devices and how all these should be used. If you are not an expert user we recommend you start with some simple jobs and if possible, under the supervision of an expert user.

 Attention! Only lend this machine to people who are familiarized with this type of machine and know how to use it. Always lend the instruction manual with the machine so that the new user reads it and understand it prior to carrying out any work.

This machine is dangerous in untrained hands.

## 2. PERSONAL SECURITY

Be alert and vigilant and use common sense when using the machine.

Do not use the machine when you are tired or under the influence of drugs, alcohol or medicines. One moments distraction can cause serious personal injury.

Never use the machine without the safety features.

Avoid the accidental start up of the machine. Verify that the switch is in the "open" position before connecting to the mains. Never transport the machine with your finger on the switch or with the switch in the "closed" position as it can be dangerous to your security and can cause accidents.



Remove all tools from the working area before starting the machine. Any tools left in the working area can be touched by any moving part of the machine and be hurled causing personal damages.

Do not overreach. Maintain both feet firmly on the ground at all times. Do not use this machine on slopes surpassing 15°. Comber on small hillocks can be dangerous. Be vigilant when walking on steep inclines and with wet grass. Be particularly careful when changing working direction on an incline.

Be careful when walking on slopes or wet grass. Take special caution when changing direction on slopes.

Do not comber backwards or pulling the machine. Be alert when pulling the machine backwards.

Dress adequately. Do not use the machine barefoot or wearing sandals. Always use resistant shoes and long trousers.

Do not place your hands or feet under the lawnmower. Maintain all parts of the body well away from the blade when the machine is running. Before starting the lawnmower, ensure that the blade has not come into contact with any object.

Hold the comber with both hands from the handle and place your body behind the comber.


Maintain all body parts well clear of any moving parts when the machine is in use. Before starting the machine, check that the moving element is not in contact with any object. One moment of carelessness and your clothing or any body part could get caught up in the moving parts.

If the machine vibrates abnormally, stop the engine and inspect the machine looking for the possible cause and repair it. If you do not find the motive, take the machine to your nearest after sales dealer.

Make sure the machine has stopped completely before carrying out any maintenance or cleaning work on the machine and the working area.

Store all electric machines well away from children.

### 2.2.1. VIBRATIONS

 The prolonged use of the machine, exposes the client to vibrations that in extreme cases and through many hours of use of the machine could cause the "white finger syndrome" also known as Raynaud phenomenon. This causes a reduction in the tact of the fingers and their capacity to regulate temperature generating a lack of sensibility. This sickness could in extreme cases cause problems with the nerve endings.

The exposure to the vibrations is the cause of the white finger syndrome. To minimize this effect as much as possible, follow the following recommendations:

- Always use gloves.

- Always have your hands warm.
- Take frequent breaks.
- Always hold the machine tightly by the handles.

If you detect any of the symptoms of the white finger syndrome, consult immediately with your doctor.

### 2.3. WORKING AREA SECURITY

Maintain the working area clean and work with good light. Untidy working areas and dark conditions can cause accidents.

Inspect the working area and remove all stones, wood, cables and strange objects that could be touched and propelled by the moving parts of the machine.

Do not use the machine in explosive atmospheres or in the presence of inflammable liquids, gases and powders. Electric machines can release sparks that could ignite the inflammable liquids, gases and powders.

Maintain children, other people and animals well clear of the machine whilst working. Distractions can cause the loss of control. Be vigilant and stop any children, other people and animals coming into the working area.

Do not use this machine at night, with fog or with reduced visibility that does not allow you to see the working area.

### 2.4. ELECTRICAL SECURITY

The electrical switch of this machine must coincide with the mains switch. Do not modify the switch in any way. If no parts have been modified and they fit perfectly, there will be no electric shock accidents.

Avoid body contact with earthed surfaces such as tubes, radiators, electric kitchens and refrigerators. There is a higher electric shock possibility if your body is earthed.



Don't expose this machine to rain, wet or humid conditions. If water enters the machine there will be a higher risk of electric shock.

Do not overstretch the cable. Do not use the cable to transport the machine, lift the machine and to unplug the machine. Maintain the cable

far away from heat sources, oil, sharp edges or other moving parts. Damaged or tangled cables increase the risk of electric shock.

Never use this machine if the cable or the plug are damaged. Before connecting the machine check that the cable and the plug are not damaged. If you discover that either of these elements are damaged, take your machine to your nearest after sales dealer. Should the cable be damaged, unplug the machine immediately. Damaged or tangled cables increase the risk of electric shock.

The substitution of the plug or cable should be done by an approved and approved after sales service. We recommend that this machine should be connected to residual differential whose current is lower or equal to 30mA.

Never use a connecting base that is damaged or that does not comply with current standards or with the requisites established for this machine in this manual.

When using a cable extension, make sure that its minimum section is AWG16 or 1.5mm<sup>2</sup> and no longer than 15 meters, always unrolled and adequate for outdoor use. The use of the cable extension adequate for outdoor use, reduces the risk of electric shock.

Place the cable extension in such a way that it will not get caught in branches or other obstacles and in such a way that it is not in the working area. The cable and any extensions must always be behind the machine and the end user.

Always hold the cable extension in the hook provided on the machine.

Connect this machine to alternate current 230-240V/50Hz.


Do not touch this machine with wet hands. Risk of electric shock. Maintain the cable well clear of the moving element at all times.

Do not use this machine if the "open" and "closed" switch does not work. Any electric machine that cannot be controlled by the electric switch is dangerous and must be repaired.

Always disconnect the machine before carrying

out any work on the machine. Only manipulate the machine when disconnected.

### 2.5. USAGE AND CARE OF THIS MACHINE

 Use this machine only to rake artificial grass. Do not use this machine for other uses. The use of this machine for other uses for which it has not been designed could cause dangerous situations.

Use this machine, accessories and all its parts according to the instruction manual and taking into account working conditions and working area. The use of this machine for jobs different to those specified in the instruction manual can cause dangerous situations.

The manufacturer will not be in any case held responsible for damages caused through an inadequate or incorrect usage of this machine.

Do not overload the machine. Use the machine for the work it has been designed for. The correct machine usage will allow you to work better and in a more secure way.

Do not run with the comb. Walk at the correct speed that will allow the machine to do its job.

Do not use this machine if the "open" and "closed" switch does not work. Any electric machine that cannot be controlled by the electric switch is dangerous and must be repaired.

Look after the machine. Check that all moving parts are well aligned and that they are not blocked, that there are no broken pieces or other conditions that could affect the proper functioning of the machine. If this machine is damaged, always repair it before using it again. Most accidents occur because of poor maintenance.

Maintain the moving elements clean. The moving elements if clean will comb better, do a better job, have less chance of getting tangled and easier to control.

Turn off and disconnect the machine from the mains before carrying out any maintenance work such as adjustments, cleaning, transportation (even if you are just moving the machine from one working area to another however close by this might be), elevating the machine, maintenance or storage of the machine. These

simple security measures reduce the risk of accidental start up.

Do not incline the machine with the engine running.

### 2.6. MAINTENANCE

Take your machine for periodic revision to a qualified after sales dealer and only use original spare parts and accessories. This will guarantee that the security measures of this electric machine can always be complied with.

## 3. WARNING ICONS

The warning icons on the labels that are attached to this machine and/or in the manual give necessary information which is necessary for a correct usage of this machine.



Attention, danger!.



Read carefully this manual before start up.



Attention! Danger of material ejection. Be careful with materials that could be ejected.



People who are not adequately protected should stay well clear and beyond the security distance.



Always use eye goggles or protecting mask and ear protectors.



Do not use this machine in humid conditions or if it is raining.



Attention! Before carrying out any maintenance work or repair, unplug the machine from the mains.



Danger of electric shock.



Caution! Unplug the machine immediately if the cable or the switch are damaged.



Maintain the cable well clear of the moving elements.



Use cable elongators with a minimum section AWG16 or 1.5mm<sup>2</sup>, and no longer than 15 meters and always ensure all the cable is unwound.



Risk of injuries! Remove all tooling from the working area prior to its use.



Dispose of your machine in an ecological way. Do not dispose of the machine together with your domestic rubbish.

**IPX4**

Degree of protection.




Guaranteed level of sound power Lwa, Db(A).



Protection Class II.

## 4. MACHINE DESCRIPTION

### 4.1. USAGE CONDITIONS

 This machine is for domestic use and to rake artificial grass. Do not use this machine to work in public areas or to carry out professional agricultural jobs.

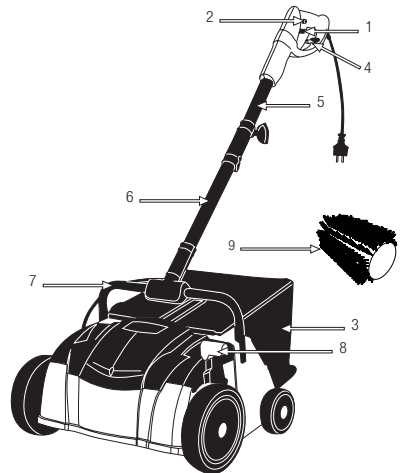
Use this machine outdoors, in dry conditions and in temperatures between 5°C and 45°C.

Remember that the end user is responsible for the dangers and accidents caused to other people and objects. The manufacturer will not be in any case held responsible for damages caused through an inadequate or incorrect usage of this machine.

### 4.2. DETAILED DESCRIPTION OF THE PRODUCT

1. ON/OFF switch handle
2. Safety switch
3. Catcher
4. Cable hook
5. Superior tube
6. Inferior tube
7. Handle
8. Height adjustment lever
9. Comber

The diagrams and pictograms herewith enclosed in this manual are a guide but not necessarily an exact copy of the actual machine.



#### 4.3. TECHNICAL CHARACTERISTICS

Description	Grass Comber
Brand	Garland
Model	ROLL&COMB 302E-AU
Engine	230V-240~50Hz
Power (W)	1,400
Class protection	II
Grade protection	IPX4
Work diameter (mm)	315
Rake diameter (mm)	120
Maximum depth (mm)	5
Minimum depth (mm)	-10
Catcher (l)	20
Average level of sound power LwA, dB(A)	101.78
Average level of sound pressure LpA,m dB(A)	85.2
Vibration level of the handle (m/s <sup>2</sup> )	1.812
Dry weight (kg)	8.9

The technical characteristics can be changed without prior warning.

## 5. START UP INSTRUCTIONS

### 5.1. LIST OF MATERIALS

This machine includes the following elements that you will find inside the box:

- Grass Comber
- Catcher
- Top handle
- Lower handle
- Screws
- Connecting with nut
- Instruction manual

Remove carefully all the elements from the box and make sure that all listed parts are included.

Due to the quality controls done at the factory it is highly improbable that your machine has any faulty part or that any elements are missing. If you find any damaged part or there are any elements missing, do not use the machine until the problem has been solved or you have been given the missing parts. Usage of the machine with defective or missing parts is dangerous and could result in personal injuries.

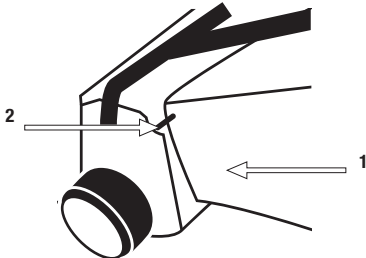
### 5.2. MOUNTING THE HANDLE

The handle comes unmounted from the manufacturing plant. To mount the handle:

1. Introduce the superior tube into the inferior tube and connect using the screw and wing nut provided.
2. Place the handle in the most comfortable working position.

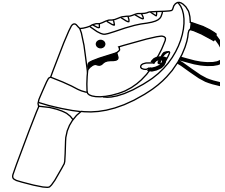
### 5.3 INSTALLATION OF THE CATCHER

Place the catcher (1) on the comber by hooking the catcher on the hooks (2) on the rear part of the machine. To do this, hold the catcher by the top handle provided with your right hand.



### 5.4. HOLDING THE CABLE EXTENSION

Only use cable extensions that are certified for outdoor use. The cable section must be at least 1.5mm, the cable will have a maximum length of 25m and it must be fully unrolled before starting to work.



Fix the cable extension to the fixing hook provided as seen in the figure.

### 5.5. CONNECTING TO THE MAINS

It is mandatory that this machine is connected to a switch protected by a differential whose current is 30mA maximum. The tension must be 230-240V, the frequency 50Hz and it must have a circuit breaker of 16A.

Never use a damaged cable or a damaged electric mains, or that does not comply with current normative or those required for this machine. When using a electric extension for the cable, make sure that it has a minimum section of 1.5 mm<sup>2</sup> and it should not be longer than 15 meters in length and approved for outdoor use. Both the plug and the base of the electric extension must be waterproof and should never be submerged in water. The use of an adequate electric extension will reduce the risk of electric shock.

### 5.6. CHECKING POINTS PRIOR TO USING THE MACHINE

Check all the machine and make sure that there are no loose parts (screws, nuts, knobs etc) and any damages to the machine. Tighten, repair or replace all necessary equipment prior to using the machine.

Check the state of the catcher and that it is properly in place. Do not use the machine if it is damaged or not properly regulated.

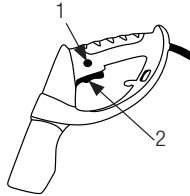
### 5.7. START UP AND STOPPAGE

Do not place hands or feet under the comber. Maintain all body parts well clear from all moving elements when the machine is in use.



Start up of the machine:

Press the security button (1) and without letting go of it, pull upwards the bottom switch On/Off (2). Once it has started, let go of the security button.



Stopping the machine:

Let go of the bottom switch On/Off.

After stopping the machine, the comber will not stop immediately. Wait until it has stopped before carrying out any maintenance work on the machine or before transporting the machine.

## 6.MACHINE USAGE

**⚠** Use this machine only for jobs for which it has been designed. The use of this machine for any other jobs is dangerous and can cause dangers to the users and/or to the machine.

Do not place hands or feet under the comber. Maintain all body parts well clear from all moving elements when the machine is in use.

Before starting the comber, check that the moving elements are not in contact with any object.

Should you slip or fall, let go of the handle immediately.

Do not rely solely on the security elements of the machine, use your common sense.

Do not use this machine if fatigued, sick, if you have had medicines, drugs or alcohol. Lack of sleep or fatigue can cause accidents and damages.

Do not use this machine at night, with fog or with reduced visibility. You must be able to see and control the working area.

Never leave the machine unattended.

Do not allow anybody to enter the working area. The perimeter is no less than 15 meters and nobody should enter this working area as it is a danger zone.

Clean the working area and remove any obstacles that could cause accidents.

Always regulate the machine on a flat and stable

surface.

Do not use accessories on the machine except those recommended by our company. Use of non recommended accessories could cause severe damages to the user, to the people close by and to the machine.

Avoid using the machine when the ground is humid. Be particularly careful if using the machine after it has rained as you might slip more easily.

It is mandatory to switch off the engine when transporting the machine between working areas.

### 6.1. FIXING THE MACHINE AND GUIDANCE

Whilst working, always hold the comber with both hands. Always be behind the comber and push the machine forward. Do not run with the comber, walk at a constant speed that allows the machine to comber the lawn.

### 6.2. ADJUSTING THE WORKING HEIGHT

**⚠** Attention! Stop the machine and wait for the comber to stop before adjusting the height adjustment. The comber need a few moments to stop completely after stopping the engine.

To regulate the height adjustment, press the lever outwards and move it or up or down to the desired spot.




## 7. MAINTENANCE AND SERVICE

The removal of the security measures, an inappropriate maintenance, the substitution of parts by non original spare parts and accessories could result in severe body harm.

Always carry out maintenance work or servicing with the machine unplugged from the mains.

Unplug the machine before carrying out any maintenance work. Read the instruction manual before carrying out any work.

 Carry out periodic checks on the machine to ensure its correct functioning. For a complete check up, we recommend you take the machine to your after sales dealer.

Keep the machine clean, specially the engine air vents.

### 7.1. CLEANING

Clean the comber with a damp cloth. Never use water, petrol or other liquids when cleaning the machine.

You can use water on the catcher as long as you separate the catcher from the machine at a distance from the machine. Dry the catcher completely before placing again on the machine.

### 7.2. CONTROL OF THE ELECTRIC CABLE

Inspect the cable for possible damages. If the cable is not in a good condition, take the machine to your nearest service agent.

Do not use the machine if the cable is damaged.

## 8. TRANSPORT

Transport the machine always with the engine turned off. Before transporting remove switch from the mains.

The machine can be transported using the handle. Do not drag the machine with the comber on the floor.

## 9. STORAGE

Disconnect the machine from the mains before storing the machine.

Store electric products such as this machine

well away from children and in a secure manner so that it does not represent a danger to any person. The machine should be stored clean and on a flat surface. Store in a place where the temperature is not below 0C and not above 45C.

## 10. DISPOSAL AND RECYCLING OF MACHINE

Destroy or recycle your machine in an ecological way. We should not throw away the machine with our domestic rubbish. The machines plastic and metal parts can be recycled.

Materials used to pack the machine can also be recycled. Do not throw the boxes away with your domestic disposals. Dispose of the box in an appropriate recyclable fashion.

## 11. TROUBLESHOOTING

Depending on the symptoms detected you can probably find the cause of the problem and find a solution.

PROBLEM	CAUSE	ACTION
Engine does not work	Machine not connected to mains	Connect to mains
	Cable damaged	Take to service agent
	Damaged switch	Take to service agent
	Worn out brushes	Take to service agent
	Overload protection activated	Allow the machine to cool 15 minutes
Abnormal noises	Blocked comber	Unplug the machine, remove elements blocking the blades
	Transmission with little grease	Take to service agent
	Screws and nuts of blades loose	Check and tighten
Abnormal vibrations	Comber damaged	Take to service agent
	Internal engine or transmission problem	Take to service agent

In any other case, take the machine to your nearest after sales service.

## 12. ROLL&COMB OPERATING TIPS

For best results:

- 1) Use your Roll&Comb regularly to keep the grass free of debris and the grass pile upright.
- 2) Apply maintenance more often if the grass experiences heavy foot traffic.
- 3) For optimum results use Roll&Comb on dry grass.
- 4) Set comb height (302, 502 & 602 Series) commensurate with grass pile height.
- 5) Do not set comb height too low unless in-fill re-generation is required.
- 6) Brush with grass pile direction.
- 7) Do not overload catcher.
- 8) Always clean your Roll&Comb after use.

## 13. WARRANTY

Validity:

XX months from proven date of purchase.  
(Exceptions\* vary)

Guarantor:

YYYYYYYYYY provides this limited manufacturer's warranty to cover any product purchased in Unites States of Amreica when the Product is verified by YYYYYYYYYY as having a defect in its original material or manufacturer's workmanship.

Guarantee:

Purchaser is entitled to a refund or replacement for major failures with Products. If a fault with the goods does not amount to a major failure, purchaser is entitled to have the fault rectified within a reasonable time per the entitlements below. Determination by YYYYYYYY.

Faults:

This warranty covers the limited replacement of parts, the repair labour used or other prorata compensation for the remainder of the warranty period. Determination by YYYYYYYY.

Warranty Claims:

Proof of purchase by means of a valid receipt is required with any warranty claim.

Limitations:

This manufacturer's warranty only covers products that have been purchased in Unites Sttes od America through YYYYYYY (or its appointee) and that are used solely for Do-It-Yourself intentions, as the range is not designed for commercial operation. This product warranty does not apply to any equivalent, separately imported unit.

Exclusions:

This warranty will not apply if;

- 1) The Product is purchased outside of Unites States of America.
- 2) Any original manufacturer's serial number or labelling has been altered or removed.
- 3) Any fault, failure or damage is a result of repairs to the Product that have been carried out or attempted by a service provider other than YYYYYYYY (or their appointee).
- 4) The claim arises from normal wear and tear or wear and tear from overuse. Key components including but not limited to combs, brushes, collection bags, bearings, O-Rings, air filters and engines must be regularly inspected so that the wear and tear on said parts does not cause the unit to fail.
- 5) The use of incorrect fuel (602QG) or failure to follow engine maintenance guidelines.
- 6) Use or maintenance of the device is not in accordance with the guidelines detailed in the manufacturer's instruction manual supplied in the box.
- 7) The claim results from the Product being dropped or crushed, exposed to extreme heat or cold, used after partial failure or operated in any other abnormal manner.
- 8) Damage to the Product is caused by

sand, water, corrosion, insects or rodents, power outages or surges, inadequate electrical current or improper voltage.

9) The Product has been operated improperly or used with inappropriate external accessories including power cords and / or extension cables.

10) The Product has been modified or if any damage or fault has been caused by an event or circumstance beyond the control of the consumer, YYYYYY or Garland.

11) Failure or fault result from commercial or trade use.

Final determination in relation to all exclusions shall be at the sole discretion of YYYYYY.

#### Presentation:

Purchaser is responsible for the care and cleaning of the Product at all times.

Products that are not clean or have been exposed to hazardous substances will not be inspected, serviced or repaired and will be returned to the Customer. OHS restrictions will be applied. YYYYYY reserves the right to refuse to inspect, repair or service any products.

#### Implied warranties:

To the full extent permitted by law, all warranties, conditions and other terms expressed or implied by statute or common law are excluded. Nothing contained herein excludes or restricts any consumer guarantee, warranty, right or remedy under any statute which cannot be excluded, provided that, to the extent that the statute permits YYYYYY is entitled to limit its liability as set out below for a breach of a guarantee, condition or a warranty implied by that statute.

1) Products covered under this warranty will be inspected / repaired by YYYYYY at their registered premises or at the premises of any authorised service centre without cost to the purchaser for parts and labour.

2) Purchaser is responsible for all freight and insurance costs if the Product needs be returned to YYYYYY or any authorised service centre for said inspection / repair.

3) Products repaired under this warranty may be replaced by refurbished units of the same type rather than being repaired. Refurbished parts may also be used to repair the Products.

#### Exceptions\*:

The following accessories and consumables have a 3-month warranty period:

- 1) All genuine accessories and attachments
- 2) Individual combs and brushes
- 3) O-rings, seals, bearings, filters and spark plugs
- 4) Collection bags and related fittings
- 5) Handle coverings

#### Claims:

To claim on this warranty purchaser must present the dated sales receipt along with the product to YYYYYY. For service or warranty enquiries consumers should contact YYYYYY on (phone number).

**THIS WARRANTY SHOULD BE RETAINED BY THE CUSTOMER**

For ease of reference and to assist with proof of purchase please complete details below and keep this form together with your purchase receipt:

Purchased from:

Address:

Purchase date:

Model number:

Serial number:

**PRESENT THIS FORM WITH PROOF OF PURCHASE IF SERVICE IS REQUIRED**



purchase  
**green**  
*Artificial Grass*



TRANSLATION OF THE ORIGINAL INSTRUCTIONS

**Ref.:ROLL&COMB302EAUJPV04**

DATE OF PUBLICATION: 8/04/2022

DATE OF REVISION: 8/04/2022